TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION Effective Date: October 1, 2012
DR-562 Reevaluation Date: **July 2014**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Architect Series Model 3 Aluminum Clad Wood Outswing Fixed Door/Sidelite, Impact Resistant, manufactured by

Pella Corporation
102 Main Street
Pella, Iowa 50219
Telephone: (641) 621-1000

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Architect Series Model 3 Aluminum Clad Wood Outswing Fixed Door/Sidelite	F-R70 38 x 120 FD-LC70 38 x 120	+70/-85 psf

Product Dimensions:

System	Overall Size	Fixed Panel Size	Daylight Opening Size
1	37.875” x 119.50”	35.441” x 117.125”	32.25” x 98.00”

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer’s Name or Code Name	Pella Corporation
	Product Name	Out-swing French Door Fixed
	Test Standards	ANSI/AAMA/NWWDA 101/I.S.2-97; AAMA/WDMA/CSA 101/I.S.2/A440-05; ASTM E 1886, ASTM E 1996; Missile Level D

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the **Inland I** and **Seaward zone**. The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

Screw Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door is secured to the wall framing at the frame head and side jambs with minimum No. 10 x 3½" screws. Along the head, the fasteners are spaced approximately 6 inches from each corner. Along the side jambs, the fasteners are spaced approximately 6 inches from each corner and approximately 17⅞ inches on center. The sill is secured to the floor framing with No. 8 x 3" screws located approximately 6 inches from each corner. The fasteners shall be long enough to penetrate a minimum of 1½ inches into the wall framing.

Clip Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door is secured to the wall framing at the frame head and side jambs with 2" x 6" x 0.052" galvanized steel installation clips. The clips are secured to the door frame with two (2) No. 6 x ¾" screws and to the wall framing with two (2) No. 6 screws. Along the head, the clips are spaced approximately 6 inches from each corner. Along the side jambs, the fasteners are spaced approximately 6 inches from each corner and approximately 17⅞ inches on center. The sill is secured to the floor framing with No. 10 x 3" screws located approximately 6 inches from each corner. The fasteners shall be long enough to penetrate a minimum of 1½ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.